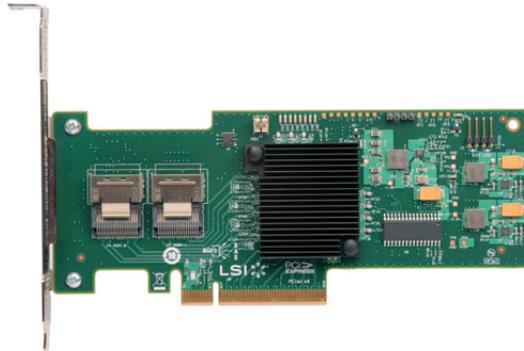


ServeRAID M1015 SAS/SATA Controller



Highlights

- **Improved usability in MegaRAID Storage Manager**
- **Online Capacity Expansion and RAID Level Migration**
- **Field upgradeability to RAID-5, -50 with ServeRAID M1000 series Advance Feature Key**
- **Auto resume after loss of system power during array rebuild or reconstruction**
- **Single controller multipathing and load balancing**
- **Global and dedicated hot spare with revertible hot-spare support**

The ServeRAID M1015 adapter offers a RAID entry point for businesses trying to protect their critical data while maintaining performance and availability for network applications. Utilizing 6 Gbps Serial Attach SCSI (SAS) and PCI Express 2.0, the ServeRAID M1015 offers the latest ServeRAID line of product features, while continuing to support the benefits of the previous 3 Gbps SAS/SATA generation. These new ServeRAID adapters, intended for inside-the-box connectivity, provide the necessary data-protection performance for developing IT infrastructures.

Flexible feature upgrade and migration

The ServeRAID M1015 controller is an affordable way for small businesses to implement data protection and increase Read/Write performance conveniently through RAID-0, -1 and -10. By connecting the optional ServeRAID M1000 series Advanced Feature Key to the

controller, users will be able to achieve RAID-5, -50 data protection and support for self-encrypting drives. And in cases where the growing business demands additional performance and/or protection, the M1015 controller offers full upgradeability to the M5014 or M5015 controllers without the need to rebuild the storage infrastructure. By offering the Advanced Feature Key and Migration, the M1015 provides the necessary flexibility for companies on the rise.

Intuitive RAID management utility

MegaRAID Storage Manager provides the essential software tools to efficiently manage ServeRAID products, whether deployed in an enterprise or small business. IBM offers a collection of applications and tools including a preboot setup utility and a full spectrum of online RAID management utilities. This suite of applications allow administrators to adjust SAS topology views from the system host, controller and disk enclosure down to the logical and physical drive level. Extending to enterprise deployments, these tools scale to easily configure, monitor and manage RAID volumes locally or over the LAN network.

Maximizing investments

To help optimize technology investments, IBM offers a single point of serviceability backed by renowned education, support and training. In addition, the ServeRAID M1015 SAS/SATA Controller is part of the IBM ServerProven® program, enabling compatibility among a variety of IBM and partner products. IBM recognizes that customers deserve the most innovative solutions.



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October 2009
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ServeRAID M1015 SAS/SATA Controllers at a glance

Part number	46M0831 – ServeRAID M1015 SAS/SATA Controller
Number of ports	Two x4 SFF-8087 Ports
Processor	LSI SAS2008
Cache	None
Interface	SAS 6 Gbps
Host bus interface	PCIe 2.0 x8
Drives supported	Up to 32 SAS and/or SATA drives
Supported RAID levels	RAID-0, -1, -10 (optional RAID-5, -50)
Management	MegaRAID Storage Manager, MegaCLI, WebBIOS and Preboot CLI
Supported servers	Visit the IBM ServerProven page for the latest supported servers at ibm.com/servers/eserver/serverproven/compat/us/
Operating systems	Red Hat Enterprise Linux®, SuSE Linux ES, Microsoft® Windows® 2003 (32- and 64-bit), Microsoft Windows 2008, Microsoft Windows PE (32- and 64-bit)
Form factor	PCIe low profile
Limited warranty¹	1-year limited warranty, or when installed in a System x® server these cards assume your system's base warranty and any IBM ServicePac® upgrade

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